



Friday July 18, 2025 7pm
License Testing 5:30pm

Officers and Appointees	2
Suggestion Box	2
President's Message	3
K6REL Memorial Service	4
PACIFICON Wants You!	5
July 2022 QST Cover	6
Public Service	7
T-Shirt Giveaway	7
Field Day Photos	8
N6CC Field Day Report	11
Radio Day by the Bay	11
International Dog Day	12
Meeting Minutes	13
Club Campout Video	17
Radio Equipment for Sale	18
DATV Receivers for Sale	18
Grover Beach Hamfest	19
Ham Radio Outlet	20
Repeaters/Nets/Calendar	21

THIS MONTH...

Free DV

Presented by Mooneer Salem, K6AQ



Mooneer Salem, K6AQ, is one of the current maintainers (along with David Rowe, VK5DGR) of the FreeDV digital voice application. FreeDV is a suite of digital voice modes for HF radio. The flagship mode is the Radio Auto Encoder (RADE). RADE runs using a free GUI application for Windows, Linux and OSX that allows any SSB radio to be used for high quality digital voice.

FreeDV technology is being developed by an international team of radio amateurs working together on Machine Learning, DSP, coding, design, user interface and testing. The project is managed by a 6 person Project Leadership Team (PLT). Current development is being generously funded by an Amateur Radio Digital Communications Foundation grant and our Financial Sponsor is the Software Freedom Conservancy.

All software is open source, released under the (a) GNU Lesser Public License version 2.1 (GUI and legacy FreeDV modes) and two-clause BSD license (RADE).



Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement.



We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to info@mdarc.org.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

<https://groups.io/g/MDARC>

Mount Diablo Amateur Radio Club W6CX
P.O. Box 23222 Pleasant Hill, CA 94523
(925) 288-1730 info@mdarc.org

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Larry Bradley, KK6QPE
Vice President - Michael Papp, WB6GJE
Secretary - Brian Lotter, KM6NGS
Treasurer - Barbara Whysong, K6WHY
Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large
 Trevor Hall, WA6JAU Cal Vasquez, K6VT
 Mark Fehlig WA6NGC Mike Warren, W6MEW

Membership Chair - Jan Kulisek, KM6NFC
 mdarcmembership@mdarc.org

PACIFICON 2025

Chair: Julie Mah, WJ8MAH
Registration: Jim Marchetti, KD7G
Treasurer: Barbara Whysong, K6WHY
Secretary: Jeff Mah, N8MAH

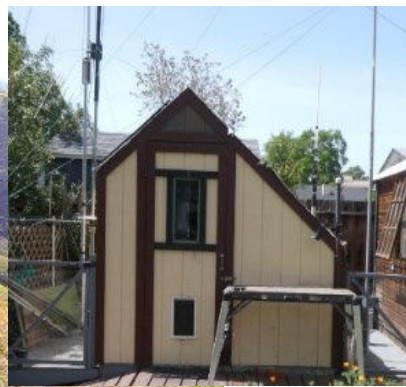
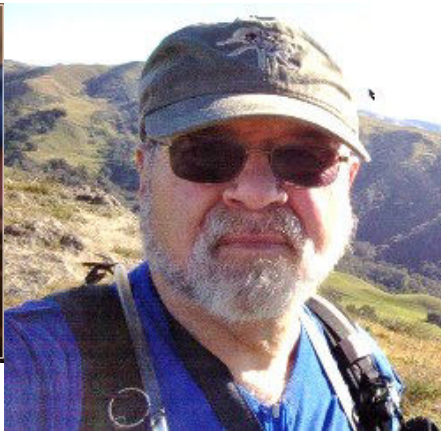
COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - **vacant**
Communications Trailer - Mike Warren, W6MEW
Communications Van MDARC-1 - Jim Tittle, K6SOE
Digital Media - Grant Bowman, K6CBK
Education & Training - **vacant**
Field Day - Larry Loomer, KI6LNB
Good & Welfare - Diana Sage, KA6TZU
Holiday Dinner - Misa Siemons, KJ6BUE
License Testing - Larry Loomer, KI6LNB
Outreach - Dick Wade, WM6G
Programs - Michael Papp, WB6GJE
Public Service - Larry Loomer, KI6LNB
Radio Equipment Lending - Cal Vasquez, K6VT
Refreshments - Elizabeth Styles, KG6HLV
Scholarship - Janice Fujii, KG6VTD
Technical Committee - Jim Tittle, K6SOE
Volunteer Classes - Dick Wade, WM6G
W6CX Repeater Trustee - Jim Tittle, K6SOE
W6LGW Callsign Trustee - Larry Loomer, KI6LNB

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President's Message



MDARC Family,

Field Day is behind us and Pacificon looms in the near distance. Thanks to Larry Loomer, KI6LNB for again organizing our Field Day events and for all those who volunteered to make 2025 Field Day a success. Hmm, “success.” How do we define a successful Field Day? Well, I am sure there are many definitions, but first and foremost, it was safely done with no injuries or other misfortunes. Even though I was not operating, I heard that the bands were not the greatest, but some contacts were made. Our veteran Field Day-to-ARRL reporter, Dick Wade, WM6G will report all the “numbers,” so stay tuned. But apart from getting on the air and catching that QSO, Pete Harris again did a fantastic presentation on HF using his Buddipole™ system. This was well attended, and Pete provided a 21-page handout to those who were interested. License testing, anyone? Yep, we even made license testing available. Did somebody say “food”? Thanks to the Mahs ...all of them!.... and the volunteers who made such a tasty buffet possible. Speaking of the Mahs, thanks to the Mah men for providing night time security for our Field Day site

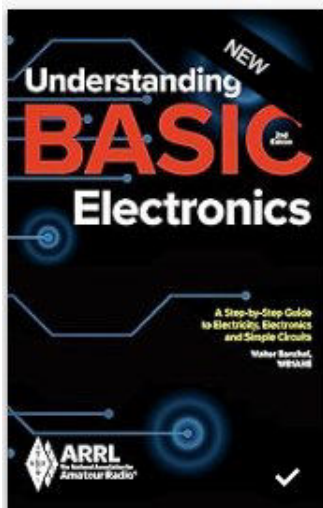
By the time you read this “message,” we will nearly be halfway through the 10-week Amateur Extra License Course. We only offer the Course every two years and each time it motivates me to again study the ARRL Manual and accompanying Question Pool. A reading of this Manual can take two directions: those who read it just to get just enough knowledge to correctly answer the questions in the Question Pool; those who also read it to go beyond just the Question Pool and want to expand their knowledge of our hobby. In all fairness, the MDARC licensing Courses are geared for people to pass the license tests with the understanding that many will later delve deeper into subjects that particularly interest them.

Since I never had an electronics or other similar background, I find the ARRL Manual a great resource for learning and using as a jumping off platform to look at other resources covering the same or ancillary information.



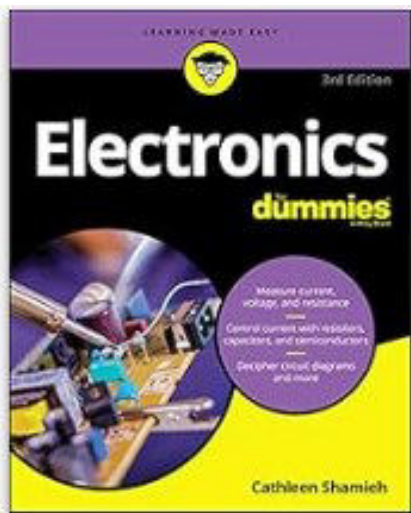
There are two other books that I have found useful and recommend to others. I certainly have not mastered the information in these books and want to continue “digging” into them even deeper. And yes, learning can often mean having the same persistence as a dog searching for a bone. It is not always easy, but the hard work and persistence does pay off, resulting in learning new things. Sometimes it is just drudgery and sometimes there is a near epiphany of understanding when things just click into place. I love those times.

ARRL's *Understanding BASIC Electronics* by Walter Banzhaf, WB1ANE



I found this book to be a good complement to both the ARRL General License and Amateur Extra Class License Manuals.

(continued on following page)



Electronics for Dummies by Cathleen Shamieh

I found this book as a great supplement to the ARRL Amateur Extra License Manual, but even better, it explains how to use a solderless breadboard and has very informative instructions on how to configure it for explaining and visualizing electronic circuits and components. Therefore, this book has some instructional hands-on opportunities for seeing some circuits and components in action.

By the time you read this article, we will have passed through a hot spell with temperatures reaching well into the 90s. So, as you read this, temperatures should have moderated in the mid-80s, but we can expect very hot temperatures as our summer progresses. This is also the time to consider what you may need to have available should there be an interruption in electrical power that may last a few days. Plan accordingly!

73, Larry Bradley, KK6QPE, President

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RICHARD LUECK

29 JANUARY 1943 - 1 JUNE 2025



Join us in celebrating the life of Richard Lueck

3 AUGUST 2025 | 1:30 PM

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RSVP: www.richlueck.com

925.354.6129 (GAIL GIOVANNI)



PACIFICON Committee Looking for Co-Chairs

Fellow MDARC members,

I am pleased to tell you that the PACIFICON chairs are already working hard on putting together another terrific event this coming October (Fri, October 10 - Sun, October 12, 2025).

It is also my pleasure to tell you that we have a volunteer for the Registration co-Chair role [Thank you Bruce Wolfe, N6BMW], but are still looking for the overall PACIFICON Chair.

PACIFICON co-Chair - this role is to work side-by-side with the overall Chair of the PACIFICON event (Julie Mah, WJ8MAH) with the intent of becoming the Chair for PACIFICON 2026.

As a Co-chair you will learn the ropes, so to speak, in preparation for becoming the overall Chair for PACIFICON 2026.

What are the benefits?

- You will get to hang out with Julie, who is a super-cool person, and lots of fun
- As a chair for PACIFICON 2026, you will be able to stay on-site at the Marriott (paid for by PACIFICON/MDARC) for PACIFICON 2026 like the chairs do for each PACIFICON (trust me, it's really nice being able to simply walk over to the event space and not worry about driving in each morning at zero-dark-30)
- You will get to see what it really takes to run this event each year, have a hand in the success of PACIFICON 2025, and you will meet a lot of great folks who are involved (not just the chairs, but the many volunteers).

You don't even have to be a licensed ham, so there's nothing stopping you from being part of the biggest event that MDARC hosts - PACIFICON 2025 & 2026.

Please contact Julie about this tremendous opportunity.

Julie, juliemah4@yahoo.com

~Jim - KD7G

Registration Chair, PACIFICON 2025



Photograph Taken by Club Member Appears on July 2025 QST Magazine Cover



I was pretty surprised when ARRL called me and asked permission to use the photo. It was taken on May 15, 2012 during the “2012 Amgen Tour of California Bicycle Race - Stage 3”, which brought hundreds of bicycle riders, some from all over the world, to race over our own Mount Diablo.

MDARC provided a radio team of 19 public service hams, under the leadership of John Stuart, KM6QX, to help coordinate this stage of the week-long bicycle tour of California. The day’s race began on Martinez’s Main Street.

The two persons in the photo are Dick Linger, K6RHL, who still resides in Martinez, and State Park Maintenance Supervisor Susan C. Schwartz (who retired in 2015). They are standing in front of the Diablo Ranch on Mount Diablo’s North Gate Road.

If anyone would like to see the full photo album that I posted on Flickr in 2012 of this Mount Diablo stage of the race it can be seen at: <https://www.flickr.com/photos/11636522@N06/albums/72157629757532816>.

This cover photo is identified in the Flickr album as “IMG_1468ar-2000px”. You may recognize several current and past MDARC members in these photos.

73, Pete Harris, KE6ZIW

CONGRATULATIONS, PETE!

PUBLIC SERVICE EVENTS

The Skyline 50k running race in the Oakland Hills has been scheduled for Sunday August 3, 2025.

For those of you who are new to the race, Skyline is one of the oldest continuously running 50k races in the United States.

The course starts at the Lake Chabot Marina and travels a clockwise loop through the East Bay Regional Parks to Moon Gate and finishes back at the Lake Chabot Marina. Familiar aid stations being used this year, in order of appearance, are Clyde Woolridge, Bort Meadow, Big Bear, Moon Gate, Big Bear, Bort Meadow and Marciel Road Aid Stations.

We are looking for experienced communicators and beginning hams who will be teamed up with an experienced ham at one of six check points along the running route. We will report on the bib numbers of the first three male runners and the first three female runners, as well as the bib numbers of the last five runners. We will also report to net control the bib numbers of any dropped out runners and report on the supply needs of the aid station to which we are assigned.

Most assignment locations are drive-up locations. There are a couple of walk-in assignments available as well. Please indicate your preference if different from last year.

We have been asked to provide communications for this event since cell phone coverage along the race route area is weak to non-existent. Reliable communication is a must for this type of activity in this remote area.

Public service events are a good way for hams of all experience levels to Get-on-the-Air, to practice your communication talents, to serve a worthwhile cause, and to learn and practice the protocols which exist for effective emergency communication.

To ask questions and to be added to the ham radio roster, please contact Larry Loomer KI6LNB, at larylloomer@yahoo.com

Thank you for considering joining us for this event.
73, Larry Loomer, KI6LNB, Emergency Coordinator



T-SHIRT GIVEAWAY

On the MDARC public service events, it is usual for the event organizers to give event T-shirts to us hams in appreciation for the service that we have rendered for them. Often there are extra shirts available after the hams have claimed their shirts. Some excess shirts will be available at the membership meeting on July 18, 2025. They will be in the meeting room before the meeting.

W6CX ARRL FIELD DAY 2025



Up goes the tri-band yagi beam antenna at the W6CX ARRL Field Day site on June 28, 2025. Jeff Mah, N8MAH, stands on the top of the ladder while Larry Loomer, KI6LNB, Ben Heathorn, KI6WBH, Ruth Miller, KE6VOO and Lauren Styles, WA6CIE help on the ground near the club trailer. Standing inside the Dodge Ram pick-up truck bed is John Rio, N6RIO. *(Photo by Dave Billeci, WA6UHA)*



Pete Harris, KE6ZIW, (standing) conducts the “Getting on the Air with HF Radio Class” as part of the W6CX ARRL Field Day station’s educational activity, which was held underneath the solar panels in the Olympic High School Parking lot at 2730 Salvio Street in Concord on June 28, 2025.

(Photo by Dave Billeci, WA6UHA)



W6CX ARRL FIELD DAY 2025



The W6CX ARRL Field Day layout at Olympic High School parking lot in Concord on June 28, 2025.
(Photo by N4DLA)



N4DLA took a break from making 40 meter CW QSOs from inside the MDARC-1 Ford ENG van to take this photo of the quarter moon over the W6CX ARRL Field Day site at 10:10pm on June 28, 2025. The ENG mast hosted an HF dipole and the DATV antennas.

W6CX ARRL FIELD DAY 2025



Julie Mah, WJ8MAH, and Ruth Miller, KE6VOO, operate the GOTA station, meaning “Grill On The Asphalt,” as they cook breakfast sausages at the W6CX ARRL Field Day site in the Olympic High School parking lot in Concord on June 28, 2025. *(Photo by Dave Billeci, WA6UHA)*



No commercial power? No problem! Once again, Charles Henry, KG6PHZ, generously loaned his solar array, which powered all the W6CX amateur radio equipment in the Olympic High School parking lot in Concord, as seen on June 28, 2025. *(Photo by N4DLA)*



MEANWHILE, ATOP MOUNT DIABLO...



N6CC operated class 1B with this military PRC-174 manpack set. He used only CW, making lots of QSOs in CA, OR and UT on 40 meters (plus Hawaii on 15 meters). The maximum power output was twenty watts into a simple horizontal NVIS wire antenna for local/regional coverage. This was a very casual operation to exercise the equipment and enjoy the view.

Photo by Tim Sammons, N6CC, from:

<https://www.n6cc.com/military-radio-field-day-2025-ftx/>)

Check out that knee-mounted telegraph key!

SATURDAY, JULY 19TH

RADIO DAY 2025

9:00AM to 3:00PM

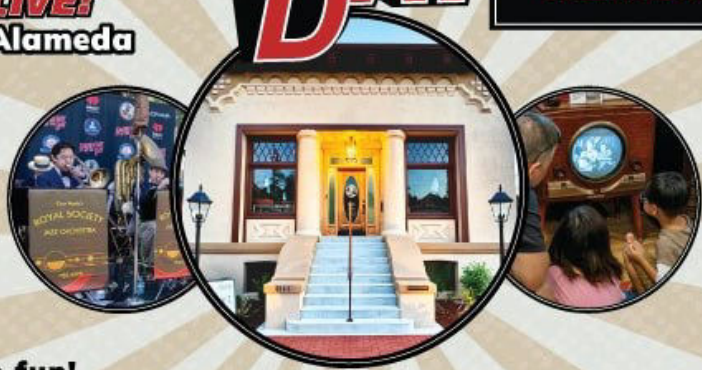
California Historical Radio Society
2152 Central Ave.
Alameda, CA

FREE ADMISSION

**Event Benefiting
The California Historical
Radio Society**



**LIVE!
In Alameda**



WHAT TO EXPECT

- Live Music
- CJ Spinning Edison Cylinders
- Food Trucks
- Radio Station & Vendor Booths
- Antique Radio Auction
- Giant Electronics Surplus Sale
- Guided Museum Tours
- Radio Play
- New Radio Hall Of Fame Class Announced
- C Crane Radio Drawing
- Build Your Own Boombox Contest

Join the fun!

RSVP TO ATTEND AT WWW.CHRSRADIO.ORG/RADIODAY

INTERNATIONAL DOG DAY SPECIAL EVENT STATIONS

By Caryn Eve Murray, KD2GUT

When a group of radio operators begin calling “CQ International Dog Day” in August, they’re not just looking for QSOs.

They are in search of people who have room in their hearts to help the abandoned, abused and homeless dogs around the world in whatever way they can. These dozen or so special event operators know the power of rescue because they’ve been deeply involved in it themselves: Hanz YL3JD and his wife opened their home – first in Holland, later in Latvia – and have given needy dogs a second chance at a new family. In Australia, and later in Germany, Ed DD5LP and his wife discovered – several times – that their household was incomplete without canine company. Many of the other operators’ rescued dogs were adopted after hard lives on the street; others were at the pound, hours away from being euthanized.

International Dog Day (and in the US, National Dog Day) is August 26 every year. The tradition was created by US pet advocate Colleen Paige as a day to recognise the needs of society’s unwanted and cast-off dogs and affirm the commitment to adopt, donate or raise awareness of their special needs.

Hanz amplified the original message by adding an amateur radio component in 2022, taking the special-event callsign YL1DOG and operating as a single station. The following year he was joined by Chris, G5VZ, and David, G4YVM, in the UK. By 2024, a team of eight US rescue-dog advocates, operating as K2D, had come on board. This year is the biggest yet, as hams in Germany and other countries run with the pack. All operators will be looking to hear from dog-lovers and supporters in either CW or SSB on HF, on VHF/UHF simplex, or via DMR and Echo-link.

The international team has added incentive certificates, including special endorsements such as “Full Kennel,” the equivalent of a clean sweep. Their website, www.dogdayradio.org, is updated regularly with the operators’ special-event callsigns, their operating schedules, a chance to meet the dogs who inspired them and hear their stories.

MDARC General Meeting Minutes May 16, 2025

Held as hybrid Zoom and in-person meeting

1. Call to Order: The meeting was called to order at 7:00 pm by MDARC president Larry Bradley KK6QPE.
a. Welcome to all: Larry KK6QPE welcomed all attendees. b. Pledge of Allegiance: This was made by attendees.
c. Safety, Exits, Rest Rooms: Larry KK6QPE indicated the positions of the emergency exits and restrooms.
d. Acknowledge new members: There were no new members.
e. Acknowledge visitors: Andy KF6TJR announced that he has been working with a long-time member of MDARC Pete K6SHE, who is now 91, because Pete would like to get back on the air. Pete has very good equipment to do that. Andy needs an HF and FT8 Elmer to help Pete. Larry advised him to put his appeal onto groups.io and to post his contact information so that he can be contacted by potential Elmers. Kenneth Holms KO6JFA and his wife Barbara Holms KO6JFB announced that they had both got their licenses two weeks ago. Peter WA6VAQ has known of MDARC for 40 years. He started his ham radio career in 1976 as a member of EMARC and is a current member of the Delta Club. He recently moved to Brentwood.

2. Approval of Minutes from the Last Meeting: The minutes of the April meeting were approved without objection.

3. Officer Reports:

a. President: Larry Bradley KK6QPE announced that there has been some concern over the length of the business section of the General meetings. In the interests of shortening the business portion we will have a roll call of the board members and only have committee reports from selected chair persons and any chair persons that ask for time. He asked that anybody who has any input about this, should contact a Director at Large to submit their input. Larry announced that his wife has had open heart surgery and that, while she is doing very well, he will need to spend time as the caregiver which will curtail his efforts as president.
b. Vice President: Michael Papp WB6GJE advised Larry KK6QPE earlier, that he would not be able to attend and that he had no report.
c. Secretary: Brian KM6NGS had no report.
d. Treasurer: Barbara Whysong K6WHY announced that her report was posted on a board, in the room, for anybody to see and that it is also posted in *The Carrier* [see June 2025 issue, page 11]. She also announced that she could be contacted at treasurer@mdarc.org for any questions.
e. Emergency Coordinator: Larry KI6LNB had no report.

4. Directors at Large: Mike W6MEW, Trevor WA6JAU and Cal K6VT had nothing to report. Mark WA6NGC stated that the 220 repeater is not “booming in” as usual, and asked if there are any known problems. Jim K6SOE said he would go and check the signal strength.

5. Committee Reports – Standing:

a. Auction: Report not scheduled or unavailable. b. Outreach Coordinator: Report not scheduled or unavailable.
c. Technical: Report not scheduled or unavailable. d. Digital Media: Report not scheduled or unavailable.
e. Education and Training: Report not scheduled or unavailable.
f. Pacificon: Julie WJ8MAH stated that PACIFICON will be held from October 10 to 12 this year. She added that registration is live and urged people to sign up for PACIFICON and hotel rooms, as soon as possible. Steve Wozniak has informed Julie that he will not be able to be the banquet speaker so she asked for suggestions for an alternative speaker. Julie appealed for volunteers to be co-chairs because, if there are no volunteers for these positions, MDARC will lose the convention. Julie also reminded us that the MDARC campout will be held from June 6 to 8 at Sugar Pine in Forest Hills. The price will depend on how many people show up, because they take the amount that they pay for the campground and divide it by the number of people. Julie added that Field Day will be on June 28th and 29th at Olympic High School in Concord. MDARC is providing the tri-tips for the dinner on Saturday and anybody is welcome to bring a dish to share.

(continued on following page)

- g. Membership: Report not scheduled or unavailable.
- h. Public Service: Larry KI6LNB announced that they will be working a Cancer support walk at Civic Park in Walnut Creek on May 17th, and a Boy Scout Hike in the Berkeley Hills on May 17th. He also mentioned Field Day on June 28th and 29th.
- i. Vehicle Committee MDARC-1: Report not scheduled or unavailable.
- j. License Testing: Sharkey WW1ACE reported that they had done electronic testing tonight and that one candidate passed both Technician and General tests, and, that two candidates passed their Technician tests. A testing session will be held at Field Day on June 28th.
- k. Trailer Committee: Report not scheduled or unavailable.
- l. Field Day: Larry KI6LNB said that Field Day will be held at Olympic High School on Salvio street in Concord. Charles Henry will provide power from his Solar Panels. We will operate from the MDARC van and Trailer. There will be License testing on Saturday at 1pm and Pete Harris KE6ZIW will be holding a GOTA HF class at 10am.
- m. Holiday Banquet: Report not scheduled or unavailable. n. Election Committee: Report not scheduled or unavailable. o. Program Committee: Report not scheduled or unavailable.

6. Unfinished Business: a. None **7. New Business:** a. None. **8. Good of the Order:** Nothing was heard.

9. Adjourn Business Meeting: The meeting was adjourned at 7:27 pm.

Respectfully submitted by:
Brian Lotter, KM6NGS , Secretary, on June 11, 2025.

MDARC Board of Directors Meeting June 2, 2025

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shots:

Officers: Larry Bradley KK6QPE, President; Michael Papp WB6GJE, Vice President; Brian Lotter KM6NGS, Secretary; Barbara Whysong K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Mark Fehlig WA6NGC, Director at Large; Trevor WA6JAU, Director at Large; Cal Vasquez K6VT, Director at Large. Committee Chairs/Coordinator: Grant Bowman K6CBK, Digital Media; Julie Mah WJ8MAH. Guests: Mike Patterson N6JGA; Debbie Janke KM6IXM; Dave WA6UHA; Alan KN6YWT; Jim Brunk N6BHX.

3. Approval of Minutes from Last Meeting: Mike W6MEW seconded by Michael WB6GJE, proposed a motion to approve the minutes. The minutes of the May Board of Directors Meeting were unanimously approved.

4. Adopt Tonight's Agenda: The agenda was adopted since no objections were heard.

5. Officer Reports:

- a. President Larry Bradley KK6QPE – Had no report. b. Vice-President Michael Papp WB6GJE – Had no report.
- c. Secretary Brian Lotter KM6NGS – Had no report.
- d. Treasurer Barbara Whysong K6WHY – Barbara presented the following report (see following page). Barbara stated that the bank statement doesn't come out until the 3rd or 4th of the month so her complete report will not be available until some time during the first week after it does, at which time, she will send the full report out to the board members and to N4DLA for the *Carrier*. She proposed that this method be adopted, from now on, because making calculations to do a full report, prior to the bank statement coming out, introduces inadvertent errors. There were no objections to her proposal. This method only applies to those months when the board meeting falls on a date which makes it too early for Barb to do a full report in time for the meeting.

Balance Sheet

May 31, 2025

ASSETS

Current Assets

Equipment Self-Ins Fund	\$66,013.11
-------------------------	-------------

CD 1 (3578)	\$21,991.50
-------------	-------------

CD 2 (8529)	\$44,021.61
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MDARC Savings	\$28,452.24
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MDARC Checking	\$62,098.44
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Total Current Assets	\$156,563.79
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TOTAL ASSETS	\$156,563.79
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LIABILITIES	\$0.00
--------------------	---------------

NET ASSETS	\$156,563.79
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Increase/ Decrease from prev month	\$5,087.39
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6. Emergency Coordinator Report: Larry KI6LNB reported that the Veterans Net, which takes place every Wednesday at 6:30 pm, is going very smoothly and that they are mindful of the Net that comes on at 7pm.

7. Directors at large reports: Mike Warren W6MEW – Had no report. Trevor Hall WA6JAU – Had no report. Mark Fehlig WA6NGC – Had no report. Cal Vasquez K6VT – Had no report.

8. Committee Reports:

a. Auction: No report was expected.

b. Communications Trailer: Mike W6MEW reported that a new air conditioning unit has been installed in the trailer.

(continued on following page)

- c. Digital Media: Grant K6CBK had nothing unusual to report apart from the usual updates and requested that anyone, with an update, contact him via the email link at the bottom of every page.
- f. Education and Training: Larry KK6QPE reported that the General class has been completed and that an Amateur Extra course is starting on the 24th of June.
- g. Election Committee: No report was expected.
- h. Field Day: Larry KI6LNB thanked Grant for setting up a signup sheet for the barbecue and noted that it reduces his workload significantly.
- i. Holiday Banquet: No report was expected.
- j. License Testing: Larry KI6LNB reported that there were two candidates for the license testing last Tuesday. The test was done electronically and they both passed. Grant has set up a training session for VE's on how to conduct electronic testing. This session will occur tomorrow night.
- k. Membership: Jan KM6NFC was not present and did not send a report for this meeting.
- l. Mesh Committee: Mike W6MEW had nothing to report. m. Outreach: No report was expected.
- n. PACIFICON: Grant reported that the block of hotel rooms has been expanded twice already and that the next meeting will be on the second Wednesday of this month.
- o. Programs: Michael WB6GJE reported that he has speakers lined up for the June and July meetings and thanked Mike Patterson for putting him in contact with a speaker.
- p. Public Service: Larry KI6LNB reported he had 13 HAMs for the Lake Chabot trail challenge on June 1st. The next event is the Skyline 50k on Sunday, August 3rd.
- q. Radio Lending Library: Cal stated that he has been offered 4 Yaesu handhelds by Margaret of Walnut Creek CERT. She wants Scouts and teens to have priority for use of them because a Scout purchased and paid for them as part of one of his projects. Larry KK6QPE said that that would be fine.
- r. Rocky Ridge Repeater (Tech): There was no report. s. Scholarship: No report was expected.

9. Future Meetings:

General Meeting: 06/20/2025 will be a hybrid, in-person and online. Field Day: 06/27 to 06/29/2025.
Board Meeting 07/07/2025 on Zoom only.

10. Unfinished Business:

- 10.1 Should we provide MDARC club name tags for new members, existing members, etc.: Brian KM6NGS reported that he had sent emails to each of the respondents to check exactly how they want their name tags to look. He is still waiting for a reply from 5 people and plans to order all of the name tags at the same time. It was confirmed that respondents are required to pick up the name tags in person at a meeting because we do not want to get into the business of mailing them.
- 10.2 Has the webpage been updated? How can members indicate that they prefer to be anonymous? There was no update from Grant and Barb.
- 10.3 Asset List: Inventory vs Asset? Dollar cutoff amount. STATUS REPORT; this has been deferred until later.
- 10.4 \$3,500 anonymous donation to MDARC: what to use it for, etc.; Barb will provide the balance along with her financial report.

11 New Business:

- 11.1 General Membership Meeting Format: There was much discussion on how to shorten the business portion of the meeting. It was decided that Larry KK6QPE would find a short way to poll board members who have reports. Unless any committee chairperson notifies Larry KK6QPE that they have a report, there will be time slots only for PACIFICON, Field Day and Public Service. The Treasurer's and Membership reports will be printed out by Barb and posted on a notice board at the meeting. For raffles, it was decided that Larry KK6QPE needs to receive information about items at least 2 weeks before the meeting so that he has time to prepare for the raffles in the same way as he has done recently. Larry KK6QPE will send out a proposed agenda before the next meeting so that it can be fine-tuned according to comments or suggestions from the board members.

(continued on following page)

11.2 Board confirmation that our October General Membership Meeting will be at PACIFICON on Friday 10/10/2025 instead of 10/17/2025: This date change was confirmed after checking with Michael WB6GJE that he will be able to find a speaker for the General Membership meeting on 10/10/2025.

11.3 Document retention requirement/methodology: Brian KM6NGS presented a document showing the Document retention Policy that was approved by the Board. Next to each item it showed who has read access and who has read/write access. This shows that Board Members have read access to all items in the document archive and that the Secretary, Treasurer, Digital Media Chairperson and Mike N6JGA have read/write access to all items. All members have read access to the section, Documents to retain for 3 years and Minutes from Board Meetings.

After some discussion Brian proposed a motion that "The Board accepts the methodology, presented in the spreadsheet, for access to the documents on Google Drive". The motion was seconded by Mike W6MEW and unanimously approved.

11.4 Honorary Membership for David Schild KK6CQX: Grant and Mike N6JGA explained how David Schild established the Digital Media committee and the Google Docs account, a number of years ago when he was a member of the Board. He still serves as a reference for problems that come up, from time to time, with the Google Docs account. Barb, seconded by Brian, proposed a motion to give an honorary membership to David Schild KK6CQX. The motion was carried unanimously.

11.5 MDARC License Course: Larry KK6QPE asked the Board to consider what number of students is needed to make it worthwhile to hold a class. A lot of time and talent goes into the preparation for the classes. For example, we had 14 attendees at the start of the last General class but as soon as we get to the hard stuff like electricity, the numbers taper off. At the end, we had two people take the test. Those two attended almost all of the sessions and they scored 30 and above. We also need to consider the fact that, those who attend on Zoom are not necessarily resident in this area and will take their test elsewhere. He asked the Board to consider this issue for a decision at a later date.

11.6 Board Nametags: There was some discussion on this issue and it was deferred to the next Board Meeting.

12. Good of the order:

Mike W6MEW, advised that he will be gone for the June General Meeting, the July Board Meeting and Field Day.

13. Adjournment:

Mike W6MEW, proposed a motion to adjourn. The motion was carried unanimously. Meeting adjourned at 8:55 pm.

Respectfully submitted by
Brian Lotter KM6NGS
Secretary, June 30, 2025.

These meeting minutes were signed digitally due to the digital meeting.

2025 CLUB CAMPOUT VIDEO AVAILABLE ON YOUTUBE

Here is the link:

<https://www.youtube.com/watch?v=6Nz0jJChvns&t=12s>

It runs about six minutes.

73, Dave Billeci, WA6UHA



ESTATE SALE

Astron VS-35M 2 to 15 volts 35 amp power supply \$160

Astron RS-35M 35 amp power supply \$180

Kenwood IF-232C computer interface \$20

Kenwood TS-2000 HF/VHF/UHF Transceiver \$800

Kenwood SP-23 external speaker for TS-450 \$100

Yaesu G-800DXA rotator controller only (no rotator) \$80

Diamond MX-72H HF-VHF/UHF Duplexer \$30

Vibroplex Keyer \$90

McElroy semi-automatic telegraph key \$150

Reasonable offers for any of the above considered. Contact:

Kim Leong, N6YJ, 925-575-1941 or n6yj.qth@gmail.com

Low-Cost Receivers for Digital Amateur Television Reception Available For Sale from Club Member KA3VDT

These are DVB-S2 receivers pre-programmed for our club's 1.2 GHz W6CX DATV repeater frequencies

Connect a 1.2 GHZ directional antenna, aim it at Mount Diablo's North Peak and watch the over the air repeater signal on your video monitor

Please contact Will Roberts at ka3vdt@gmail.com or visit <http://laser66.com/ham/>

To purchase a DATV transmitter, contact Fred Coe, WB6ASU, at wb6asu@icloud.com



CCARG

Central Coast Amateur Radio Group



CCARG HAM RADIO SWAPFEST IN GROVER BEACH

Saturday, July 26, 2025 - 8:00 am to 1:30 pm

The Central Coast Amateur Radio Group - W6WJ

Oak Park Christian Church, 386 N. Oak Park Blvd, Grover Beach, CA 93433

Admission and Parking are FREE: Sellers setup at 730 am. Sellers turn in on Newport Street off Oak Park for Entrance. We are open to the public at 8:00 am, Ends at 1:30pm.

Car/Pickup Selling Space: \$20.00. Bring your own 6 foot table.

Tailgate Sellers are welcome: \$20.00

Prize Drawings during the event. Tickets are \$2.00 each.

ARRL Information Table with Handouts

Talk-in on the W6WJ Repeater 444.700 +5 PL 127.3 on View Hill in Arroyo Grande

Contact: Dave Qualls

President of the CCARG We are an ARRL Affiliated Club

Email Teslaboy6@gmail.com

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FT-710 Aess | HF/50MHz 100W SDR Transceiver

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NEW!

FTX-1 Optima | HF/50/144/430MHz All Mode SDR Xcvr

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NEW!

FTX-1 Field | HF/50/144/430MHz All Mode SDR Xcvr

- Compact QRP SOTA/POTA Xcvr (8.4"W, 3.5"H, 2.2"D) • 6W (5W for QRP) • Includes 6400mAh High Capacity Li-Ion Battery • SSB, CW, AM, FM and C4FM Digital • 10W of Power w/External Power Supply • Upgradable to 100W with Purchase of SPA-1



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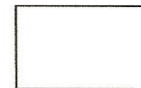
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W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 6:00pm American Legion Veteran's Net 147.060+

Wednesday 7:00 pm SKYWARN Net 147.060+

Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters (FM unless otherwise noted)

147.060 MHz + / PL 100Hz

224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

EchoLink: W6CX-R /133896, IRLP: 3057

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<https://w6cx.dstargateway.org/>

DATV Internet Stream: <http://w6cxatv.mdarc.org>

YouTube Channel: Media MDARC

Contra Costa County Emergency Communications Nets Every Thursday

6:30 pm HF Countywide 3.893 MHz LSB

6:45 pm West County 145.110-- (82.5 PL)

7:00 pm Central County 145.680 Simplex

7:00 pm East County 146.535 Simplex

7:00 pm South County 147.480 Simplex

7:20 pm Countywide 145.490-- (107.2 PL)

or 147.735-- (107.2 PL)

or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)

Wednesday 8:00pm 147.405 Simplex

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Digital ATV Output: 1244.500

Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0

Analog ATV Input: 1270.000 FM (PL 192.8)

July and August 2025 Club Calendar

Friday July 18, 2025 7:00pm MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette

Saturday August 2, 2025 8:00am MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE

Monday August 4, 2025 6:30pm MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE